

Abstract

5 A regulator unit, in particular for varying an exciter current, preferably for
generators of motor vehicles, is proposed, having a housing (13), in which the
housing (13) has a wiper contact mounting region (16) with a guide (19) and wiper
contacts (22) seated therein, having a regulator housing portion (25), in which an
electronic controller unit and a regulator heat sink (28) are received, having a plug
10 element (31) for electrically connecting the regulator unit (10) to external contact
elements, and in which the regulator unit (10) has a first through opening (34) and
a second through opening (37), by means of which openings the regulator unit
(10) can be fastened to a housing (40) by means of two bolt elements (34). It is
provided that the regulator heat sink (28) is located between the wiper contact
mounting region (16) and the plug element (31).

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(Fig. 2)